

Temporarily Abandoned 6-30-67

FILE NOTATIONS

Entered in NID File

☒

Entered On S R Sheet

Location Map Pinned

☒

Card Indexed

☒

J W R for State or Fee Land

Checked by Chief

DMB

Copy NID to Field Office

☒

Approval Letter

☒

Disapproval Letter

COMPLETION DATA:

Date Well Completed 3-12-63

Location Inspected

OW _____ WW _____ TA K

Bond released

GW ✓ OS _____ PA _____

State of Fee Land

LOGS FILED

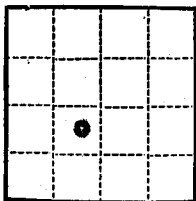
Driller's Log 12-24-63

Electric Logs (No. 1 3)

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro ✓

Lat. _____ Mi-L _____ Sonic ✓ Others _____

Copy H. L. C.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. USA (SL 070052)
Unit Big Indian

Sec. 10

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 8, 1962

Big Indian Unit

Well No. 3 is located 2300 ft. from S line and 2300 ft. from W line of sec. 10

NE SW Sec. 10 30S 25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Big Indian San Juan Utah
(Field) (County or Subdivision) (State or Territory)

ground (Ungraded)

The elevation of the ~~minimum~~ above sea level is 6720 ft. KB will be furnished later.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Proposed Casing Program

- 35' - 16" OD Conductor (Cemented to surface)
- * 500' - 10-3/4" OD Surface (Cemented to surface)
- 6,500' - 5-1/2" OD Production String (Cemented with sufficient cement to meet conditions encountered)

Objective Pay - Hermosa

Estimated Total Depth: 6,500'

* It is anticipated that 500' of 10-3/4" OD Surface casing will be sufficient. In view of this a 13-3/4" hole will be drilled to approximately 500' and then an 8-3/4" rat hole drilled to 1100' before running surface casing. If 500' of surface casing should not be sufficient then the 8-3/4" hole will be reamed to 13-3/4" to 1100' or lesser casing set depth selected before running surface casing.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE PURE OIL COMPANY

Address P. O. Box 1338

Moab, Utah

253-3581

By L. K. Cogan
L. K. Cogan
Title District Office Manager

THE PURE OIL COMPANY

LOCATION REPORT

Date October 4, 1962

A.F.E. No. 4611

Division Northern Producing

Prospect Big Indian Unit

District Moab District

Lease U.S.A. (SL 070052)

24,345.66 Unit Ac.

Ung. Gr.

Acres 1600 Lease No. 8377

Elevation 6728

Well No. 3

(Serial No. _____)

Quadrangle NE SW

Sec. 10

-Twp. 30S

Rge. 25E

Blk.
Dist.
Twp.

Survey Salt Lake Meridian

County San Juan

State. Utah

Operator The Pure Oil Company

Map Utah 1-4

2300 Feet North of the South line of Section

2300 Feet East of the West line of Section

Feet _____ of the _____ line of _____

Feet _____ of the _____ line of _____



LEGEND

○ Location

 Gas Well

Oil Well

 Gas—Distillate Well

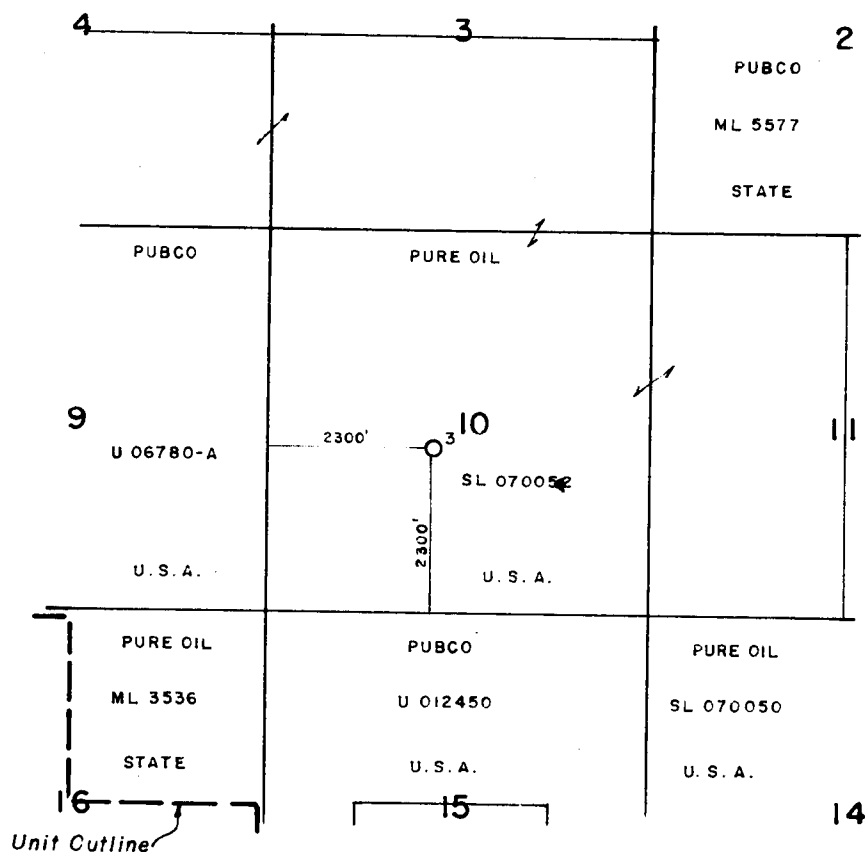
 or  Dry Hole

 Abandoned Location

 or  Abandoned Gas Well

 or  Abandoned Oil Well

● or ○ Input Well



Remarks: The Pure Oil Company, Operator 68.82%
Pubco Petroleum Corporation 31.18%

Pubco Petroleum Corporation 31.18%

Scale. 2" = 1 MILE

Submitted by:

Civil Engineer

Approved by.

Division Manager

Approved by _____

Vice-President—General Manager

October 8, 1962

The Superior Oil Company
P. O. Box 600
Denver 1, Colorado

Attention: Mr. Ralph H. Wilpolt

Dear Mr. Wilpolt:

Attached please find Notice of Intent to Drill along with plat showing location of our Big Indian Unit Well No. 3, located 2300' FSL and 2300' FWL of Section 10, T. 30S., R. 25E., SLM, San Juan County, Utah.

We are not sure, however, it appears that Superior's Federal Potash Lease No. U-028083 and State Potash Lease No. M.L. 17140 possibly lies within one-half mile radius of the above mentioned drilling location. Therefore, we furnish this notice in compliance with Rule C-23, Section I, of "Changes to the General Rules and Regulations Adopted by the Utah State Oil and Gas Conservation Commission on June 4, 1962."

Yours very truly,

THE PURE OIL COMPANY

W. W. Weir

cc: UOGCC/
Durango Exploration

WWW:mp

THE SUPERIOR OIL COMPANY

P. O. BOX 600
DENVER 1, COLORADO

October 11, 1962

Mr. W. W. Weir
The Pure Oil Company
P.O. Box 265
Moab, Utah

Dear Mr. Weir:

Thank you for your letter of October 8, 1962 in which you called our attention to your Big Indian Unit Well No. 3 to be drilled 2300'FSL and 2300'FWL, Section 10, T.30S, R.25E, SLM, San Juan County, Utah.

You are correct in that said well is located slightly less than one-half mile from Superior's potash lease No. U-028083 and State potash lease No. ML-17140. I note also that your location lies outside the area classified by the USGS as containing known potash deposits.

Your location is in the downthrown block resulting from the Lisbon Valley faulting, and the Paradox Salt and any included potash beds would therefore lie at considerable depths. An oil and gas operator should be cognizant of the possibility that in the drilling of an oil and/or gas well hydrocarbons could be encountered which might migrate toward the west through porous and permeable strata to an intersection with the Lisbon Valley fault zone, thence migrate up the fault zone and eventually enter strata and fractures in the upthrown block of the Lisbon Valley fault, and thus be encountered during the mining of potash.

Your courtesy in forwarding the Notice of Intent to Drill, etc., is greatly appreciated.

Very truly yours,

THE SUPERIOR OIL COMPANY

Original Signed By
Ralph H. Wilpolt

Ralph H. Wilpolt
Manager, Minerals Division

RHW/jmw

cc: Mr. Cleon B. Feight ✓

Copy H. L. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 62-R3233
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1962

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY

Moab, Utah Signed [Signature]

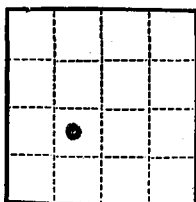
Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. <u>067131-B</u>										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. <u>USA SL 070052</u>										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-						Location: 2300' FSL and 2300' FWL. L & S elevations: Gr 6730', KB 6741'. Spudded 10-23-62. Drilled 8-3/4" hole to 900', reamed to 13-3/4" to 500'. Set 16 jts. 10-3/4" OD casing at 168' KB measurement with 175 sack 50-50 Pozmix with 4% gel, 1# Tufplug, 1/4# Flocele and 2% calcium chloride added per sack. Tailed in with 100 sack regular cement with 2% gel and 2% calcium chloride. Lost circulation at 994', 1008' and 1070'. Drilled to 1134' with partial returns. Ran drill pipe open ended to 1113'. Cemented with 100 sack regular cement with 2% Gilsonite and 2% calcium chloride. Approximately 30 sack in formation. Job complete at 3:30 p.m. 10-29-62. Drilled to 1157'. Lost circulation. Drilled to 1249'. Ran drill pipe open ended to 1206'. Spotted 100 sack regular cement with 2% Gilsonite and 2% calcium chloride added per sack. Pulled up to 500', squeezed 30 sack cement into formation. Started drilling cement at 2:00 a.m. 10-31-62. Top of cement at 909'. Drilled to 1693' - Incomplete.

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.



Sec. 10

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office **Salt Lake**

Lease No. **USA (SL 070052)**

Unit **Big Indian**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 31, 19 62

Big Indian Unit

Well No. **3** is located **2300** ft. from **NS** line and **2300** ft. from **EW** line of sec. **10**

NE SW Sec. 10

(¼ Sec. and Sec. No.)

30S

(Twp.)

25E

(Range)

Salt Lake

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~surface~~ **ground** above sea level is **6730** ft. **KB 6741'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Pure Oil Company**

Address **P. O. Box 1338**

Moab, Utah

253-3581

By

Title

J. B. Strong

**J. B. Strong
Senior District Clerk**

2412

SUNDRY NOTICES AND REPORTS ON WELLS

Big Indian Unit No. 3
2300' FSL and 2300' FWL
Sec. 10, 30S, 25E
San Juan County, Utah

October 31, 1962

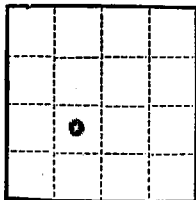
Salt Lake
USA (SL 070052)
Big Indian
Supplementary Well History

Spudded 10-23-62. Drilled 8-3/4" hole to 900', reamed to 13-3/4" to 500'. Set 16 jts. of 10-3/4" OD 40.5# J-55 casing at 500' with 175 sax 50-50 Pozmix with 4% gel, 1# Tefplug, 1/4# Floccs and 2% calcium chloride. Tailed in with 100 sax of regular cement with 2% gel and 2% calcium chloride added. Plug down at 5:10 a.m. 10-27-62. Good returns on cement.

Drilled to 1,134' with partial returns. Lost circulation at 994', 1,008', and 1,070'. Ran drill pipe open ended to 1,113'. Cemented with 100 sax regular cement with 25% Gilsomite and 2% calcium chloride. Approximately 30 sax of cement in formation. Job complete at 3:30 p.m. 10-29-62. Filled hole with fluid at 8:00 p.m. 10-29-62. Started drilling cement at 1:30 a.m. Top of cement at 981'. Drilled to 1,157'. Started losing circulation. Drilled to 1,249'. Ran drill pipe open ended to 1,206'. Spotted 100 sax regular cement with 25% Gilsomite and 2% calcium chloride added per sack. Pulled up to 500'. Squeezed 30 sax of cement into formation. Started drilling cement at 2:00 a.m. 10-31-62. Top of cement at 909', bottom of cement at 1,209'. At 7:30 a.m. 10-31-62 drilling at 1,289' with full returns.

4.

Copy H. L. C.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. USA (SL 070052)
Unit Big Indian

Sec. 10

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 12, 1962

Big Indian Unit
Well No. 3 is located 2300 ft. from NY line and 2300 ft. from EW line of sec. 10

NE SW Sec. 10 30S 25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6730 ft. KB 6741'

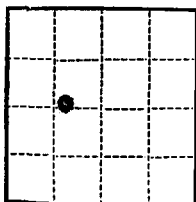
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11/11/62 DST No. 2: 3214-3239'. Tool open 52 minutes. Tool opened with good strong blow in 5 gallon bucket of water. Remained steady throughout test. Recovered 90' of drilling mud and 1024' of salt water. Pressures: IH & FH 1565#, 30 minute ICI 920, IF 160#, FF 440, 30 minute FCI 830.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE PURE OIL COMPANY
Address P. O. Box 1338
Moab, Utah
253-3581
By J. B. Strong
Title Senior District Clerk



Sec. 10

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Land Office **Salt Lake**
Lease No. **USA (SL 070052)**
Unit **Big Indian**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 13, 1962, 19

Big Indian Unit

Well No. **3** is located **2300** ft. from **N** line and **2300** ft. from **EX** line of sec. **10**

NE SW Sec. 10

($\frac{1}{4}$ Sec. and Sec. No.)

30S

(Twp.)

25E

(Range)

Salt Lake

(Meridian)

Wildest

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the ~~surface~~ **ground** above sea level is **6730** ft. **KB 6741'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11/12/62 DST No. 3 - 3291-3319' Hermosa. Tool open 45 minutes. Tool opened with a good blow. Increased to strong blow in five gallon bucket of water in 10 minutes, then started to decrease slowly. Gas to surface in 25 minutes. Gas flow very small flame the size of blow torch. Well dead in 35 minutes. Recovered 300' of drilling fluid. Pressures: IH & FH 1605, 30 minute ICI 872, IF 70, FF 85, 30 minute PCI 800. Bottom hole temp. 80°.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE PURE OIL COMPANY**

Address **P. O. Box 1338**

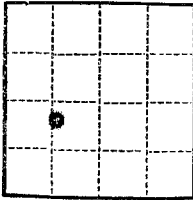
Moab, Utah

253-3581

By **L. K. Coggan**
District Office Manager

Title

Copy H. L. C.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake**
Lease No. **USA (SL 070052)**
Unit **Big Indian**

Sec. 10

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 19, 1962

Big Indian Unit
Well No. **3** is located **2300** ft. from **SW** line and **2300** ft. from **NE** line of sec. **10**
NE SW Sec. 10 **30S** **25E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is **6730** ft. **KB 6741'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-16-62 DST No. 4 - 3817-3860' Hermosa. Tool open 30 minutes. Had a few bubbles in 5 gallon bucket on initial opening, then died. No flow while tool was open. Recovered 90' of drilling mud. Pressures: IH & FH 1887, 30 minute ICI 1070, IF 28, FF 41, 30 minute FCI 225, Bottom hole temp. 98°.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

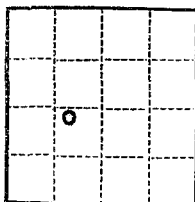
Company **THE PURE OIL COMPANY**

Address **P. O. Box 1338**

Moab, Utah

253-3581

By **L. K. Cogger**
Title **District Office Manager**



Sec. 10

Cosy H. L.C.
(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake
Lease No. USA (SL 070052)
Unit Big Indian

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 27, 1962, 19____

Big Indian Unit
Well No. 3 is located 2300 ft. from XX line and 2300 ft. from XX line of sec. 10
NE SW Sec. 10 30S 25E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ ground floor above sea level is 6730 ft. KB 6741'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-20-62 DST No. 5 4222-4283' Hermosa. Tool open 1 hr. Tool opened with very weak blow, increased to good strong blow in 5 minutes. Gas to surface in 8 minutes. Seven pounds pressure on 1/2" surface choke, increased to 30 pounds in 20 minutes. Remained steady the remainder of test. Gas flow estimated between 5 & 10 MCF per day maximum. Recovered 545' of gas and oil cut drilling mud, estimated 15% dark green oil. Pressures: IH & FH 2140, 30 min. ICI 1240, IF 55, FF 182, 30 min. FCI 915, Bottom hole temp. 106°. Corrected gravity of oil 47°.

11-23-62 DST No. 6 4559-4617' Hermosa. Tool open 1 1/2 hrs. Opened with fair blow, increased to good blow. Gas to surface in 15 minutes, estimated at 266,000 Cubic feet per day. Rec. 160' of drilling fluid. Pressures: IH & FH 2282, 30 min. ICI 1195, IF 56, FF 70, 30 min. FCI 872, Bottom hole temp. 103°.

I understand that this plan of work must receive approval in writing by the Geological Survey before operation may be commenced.

Company THE PURE OIL COMPANY

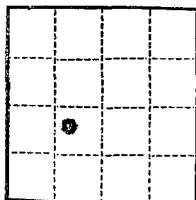
Address P. O. Box 1338

Moab, Utah

253-3581

By J. B. Strong
J. B. Strong
Title Senior District Clerk

Copy H. L. C



Sec. 10

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. USA (SL 070052)
Unit Big Indian

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 28, 1962

Big Indian Unit

Well No. 3 is located 2300 ft. from IN line and 2300 ft. from W line of sec. 10

NE SW Sec. 10

(1/4 Sec. and Sec. No.)

30S

(Twp.)

25E

(Range)

Salt Lake

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

ground

The elevation of the ~~drill hole~~ ground above sea level is 6730 ft. KB 6741'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11-27-62 DST No. 7 4809-4870' Hermosa. Tool open 1 hr. Opened with a weak blow, dead in 50 minutes. Recovered 100' of drilling mud. Pressures: IN & PH 2395, 30 min. ICI and PCI 85, IF & FF 70, Bottom hole temp. 109°.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations can be commenced.

Company THE PURE OIL COMPANY

Address P. O. Box 1338

Moab, Utah

253-3581

By J. B. Strong
Title Senior District Clerk

Copy H.L.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-2282A
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

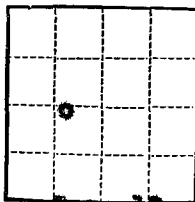
The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1962

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY
Moab, Utah Signed L. K. Coggins
Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. 067131-B										
SE NE Sec. 33	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. USA SL 070052										
NE SW Sec. 10	30S	25E	3	-0-						Drilled from 1693 to 1836. DST No. 1 - 1803-1836. Drilled to 3239. DST No. 2 - 3214-3239. Drilled to 3319. DST No. 3 - 3291-3319. Drilled to 3860. DST No. 4 - 3817-3860. Drilled to 4234. Cored to 4283. DST No. 5 - 4222-4283. Drilled to 4567. Cored to 4617. DST No. 6 - 4559-4617. Drilled to 4819. Cored to 4870. DST No. 7 - 4809-4870. Drilled to 5082. DST No. 8 - 5050-5082. Drilled to 5177 - Incomplete.

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.



Sec. 10

Copy H. L. C.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office **Salt Lake**
Lease No. **USA (SL 070052)**
Unit **Big Indian**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 3, 1962

Big Indian Unit
Well No. **3** is located **2300** ft. from **N** line and **2300** ft. from **E** line of sec. **10**
NE SW Sec. 10 **30S** **25E** **Salt Lake**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ **ground** above sea level is **6730** ft. **KB 6741'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

11/30/62 DST No. 8 5050' - 5082'. Tool open 2 hours. Opened with good blow. Gas to surface in 20 minutes. Gas flow estimated at 250,000 cubic feet per day. Recovered 100' of drilling fluid. Pressures: IH 2482, 30 min. ICI 2085, IF & FF 42, 30 min. FCI 1070, FH 2455, Bottom hole temp. 106 degrees.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE PURE OIL COMPANY**

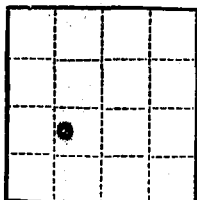
Address **P. O. Box 1338**

Moab, Utah

253-3581

By **L. K. Coggan**
District Office Manager
Title

Copy H.L.C.



Sec. 10

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. USA SL 670052
Unit Big Indian

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 12, 1962

Big Indian Unit

Well No. 3 is located 2300 ft. from S line and 2300 ft. from W line of sec. 10

NE SW Sec. 10
(1/4 Sec. and Sec. No.)

30S
(Twp.)

25E
(Range)

Salt Lake
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~drinking~~ ^{ground} above sea level is 6730 ft. KB 6741

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12-6-62: DST No. 9 559' - 5660' - Paradox Tool open 1 hour. Opened with good blow, gas to surface in 35 minutes. Gas estimated at 100,000 cu. ft. per day. Recovered 150' slightly gas cut mud. Pressures: IH and FH 2738#; 30 minute IGI 590#; IF and WF 55; 30 minute FCI 915#. Bottom hole temp. 114°.

Drilled to 5,895 TD. Drilling completed 12-8-62. Set 3 cement plugs as follows:

Plug No. 1 - 5,895' - 5,659' - 236' - 75 sacx regular cement, salt saturated.
Plug No. 2 - 5,540' - 5,440' - 100' - 40 sacx regular cement with 2% calcium chloride.
Plug No. 3 - 4,900' - 4,748' - 152' - 70 sacx regular cement with 2% calcium chloride.
Set 150 jts. of 5-1/2" CD 15.5# and 11# casing at 4,746' KB with 325 sacx 50-50 Pozmix salt saturated, 1/2 gal. 1/2 Turpling, 1/2# Floscale and 2% calcium chloride. Good circulation. Job complete at 9:30 p.m. 12-9-62. Rig released at 2:30 a.m. 12-10-62. Now moving out rig.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Pure Oil Company

Address P. O. Box 1338

Honab, Utah

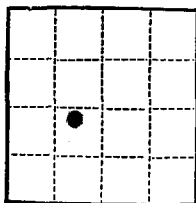
253-3581

By

J. E. Strong
J. E. Strong

Title

Senior District Clerk



Sec. 10

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office **Salt Lake**
Lease No. **USA SL 070052**
Unit **Big Indian**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 21, 1962

Big Indian Unit

Well No. **3** is located **2300** ft. from **XX** line and **2300** ft. from **XX** line of sec. **10**

NE SW Sec. 10

30S

25E

Salt Lake

($\frac{1}{4}$ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Wildcat

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **6730** ft. **KB 6741'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE PURE OIL COMPANY**

Address **P. O. Box 1338**

Heab, Utah

253-3581

By

J. B. Strong

Title

Senior District Clerk

PMB

SUNDRY NOTICES AND REPORTS ON WELLS

Big Indian Unit No. 3
2300' FSL and 2300# FWL
Sec. 10, 30S, 25E
San Juan County, Utah

Salt Lake
USA SL 070052
Big Indian
Supplementary Well History

GR elevation: 6730'
KB elevation: 6741'

December 21, 1962

- 12-13-62 Schlumberger ran correlation log 4,680' to 4,000'. Schlumberger perforated 4 shots per foot, 2 crack jets and 2 regular jets, from 4,606' to 4,618'. Ran 2-7/8" OD 6.50# J-55 tubing open ended to 4,608'. Halliburton spotted MCA 7-1/2% acid on perforations. Formation broke at 3,000#. Pumped 300 gallons in formation at 5 bbls. per minute at 2,000#. Left 200 gals. in tubing. Immediate shut down 600#, 30 minute shut in 500#, 45 minute shut in 400#. Left well shut in overnight.
- 12-14-62 Halliburton sand frac'd well down casing with 28,000# 20-40 sand, 2000# 10-20 sand and 50,000 gallons of fresh water, cut 10% with brine water. Flushed with 145 bbls. of fresh water, 30 bbls. over flush. Injection rate 44 bbls. per minute. Maximum treating pressure 2600#, minimum treating pressure 2400#. Maximum pressure on flush 2750#. Instant shut in 2000#, 5 minute shut in 1800#, 4 hour shut in 1000#. Left well shut in overnight. After 20 hour shut in, 600#. Opened well to pit. Well flowing 4 to 5 bbls. of treating water per hour, also small amount of gas. Well flowed treatment water for 14 hours and then died. Ran tubing in hole. Set packer at 4,555', tail pipe at 4,591'. Made 4 runs with swab, last run to 3500'. Well started flowing at 2:30 p.m. 12-16-62.
- 12-19-62 Flowed 24 hours on a 3/4" choke. Produced 22 bbls. of load water. Gas metered at 295 MCF/D. Flowing TP 15#. Now flowing on test - Incomplete.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-8888A
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page 1 of 2 pages

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 62

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY

Mosb. Utah Signed [Signature]

Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and re- sult of test for gasoline content of gas)
LEASE NO. 067131-B										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. USA SL C70052										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-						
Drilled 5177' - 5632'. Cored to 5660'. DST No. 9 - 5594' - 5660'. Drilled to 5895' TD. Drilling completed 12-8-62. Ran electric logs to TD. Set three cement plugs in bottom of hole as follows: Plug #1 - 5895' - 5659' - 236' - 75 sax regular salt saturated cement. Plug #2 - 5540' - 5440' - 100' - 40 sax regular cement with 2% calcium chloride. Plug #3 - 4900' - 4748' - 152' - 70 sax regular cement with 2% calcium chloride. Set 150 jts. of 5-1/2" OD 15.5# and 14# casing at 4746' KB. Cemented with 325 sax 50-50 Pozmix, salt saturated, 4% gel, 1# Tufplug, 1/4# Floccle and 2% calcium chloride. Plug down at 9:30 p.m. 12-9-62. Rig released at 2:30 a.m. 12-10-62. On December 13, 1962, Schlumberger ran Correlation Collar log from 4680' to 4000'. (Continued on next page)										

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 42-R338A
Land Office Salt Lake City
Lease Number See Below
Well Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page 2 of 2 pages

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 62

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY

Moab, Utah Signed [Signature]

Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. USA SL 070052										
NE SW Sec. 10 Big Indian	30S	25E	3	-0-	Continued					<p>Schlumberger perforated with 4 shots (2 crack jets and 2 regular jets) per foot from 4606' to 4618'. Ran 2-7/8" tubing open ended to 4608'. Halliburton spotted 7-1/2% MCA on perforations. Formation broke at 3000#.</p> <p>Pumped 300 gals. in formation at 5 bbls. per minute at 2000#. Immediate shut down 600#, 30 minute shut in 500#, 45 minute shut in 400#. Shut well in overnight. Pulled tubing. Halliburton sand frac'd well down casing with 28,000# of 20-40 sand and 2000# of 10-20 sand, and 50,000 gallons of fresh water cut with 10% brine water. Flushed with 145 bbls. of fresh water, 30 bbls. overflush. Injection rate 4 1/2 bbls. per minute. Maximum treating pressure 2600#, minimum 2400#. Maximum pressure on flush 2750#. Instant shut in 2000#, 5 minute shut in 1800#, 4 hour shut in 1000#, 20 hour shut in 600#. Opened well to pit. Well flowed treatment water and gas for 14 hours and then died. Ran tubing in hole. Set packer at 4555', tail pipe set at 4591'. Made 4 runs with swab and well began flowing. On 12-17-62 flowed 2 1/2 hours on a 3/4" choke. Produced 4 1/2 bbls. of load water. Gas metered at 247 MCF/D, flowing tubing pressure 15#. Well flowed on test through December 29, 1962 when it was shut in for bottom hole pressure test.</p>

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Bridge: Bureau No. 01-2253A
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of January 19 63

Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY

Moab, Utah Signed [Signature]

Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling depth; if shut down, cause; date and re- sult of test for gasoline content of gas)
LEASE NO. USA SL 070052										
NE SW Sec. 10 Big Indian Unit No. 3	30S	25E	3	Continued						Recovered a total of 437 bbls. of load oil, 88 bbls. of load oil due. On 1-31-63 circulated at estimated 25 bbls. of load oil out of hole with salt water and also washed 28' of sand off of top of bridge plug. Removed bridge plug and ran tubing and packer and set as follows: Bottom of tail joint at 4225', top of packer at 4188'. Flushed annulus with 75 bbls. of fresh water and shut down for night. Now preparing to swab well back in with both sets of perforations below packer.

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy H.L.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 02-2335A
Lead Office Salt Lake City
Lease Number See Below
Well Big Indian
Page 1 of 2 pages

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1963

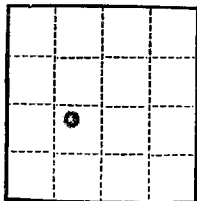
Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY
Moab, Utah Signed [Signature]
Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thousands)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
LEASE NO. <u>067131-B</u>										
SE NE Sec. 33 Big Indian Unit No. 1	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. <u>USA SL 070052</u>										
NE SW Sec. 10 Big Indian Unit No. 3	30S	25E	3	16	-0-		3,301 (Est.)			Well shut in until 1-4-63 when it was opened on a 32/64" choke. Well flowed at rate of 262 MCF per day with tubing pressure of 45#, plus an estimated 15 bbls. of load water per day. Tested well thru 1-20-63. Gas averaged 225 MCF/day and recovered an estimated 4-5 bbls. of load water per day. On 1-21-63 rigged up R & R Well Service. Halliburton killed well with salt water. Pulled tubing and ran sand pump and cleaned sand out of well. McCullough perforated with 4 super casing jet shots per foot from 4232' to 4240'. Ran Baker retrievable bridge plug and set at 4277'. Pulled up and set bottom of retrieving head at 4223'. Displaced salt water with crude oil. Spotted 500 gals. MCA 7-1/2% acid on formation. Broke formation at 4150#. Broke back to 2000#. Halliburton sand fraced well with 6000# of 20-40 sand and 2000# of 10-20 sand. Flushed with 5750 gals. of McCracken crude which was 40 bbls. over flush. Maximum treating pressure 3150#; minimum treating pressure 2900#. Injection rate 19 bbls. per minute. Instant shut in 2200#; 15 minute shut in 1800#; 1 hour shut in 1450#. Rigged up swab. Found fluid level 200' from surface. Swabbed 120 bbls. of load oil into tank and then started getting some gas. Fluid level remained at 3000', swabbing from 4000'. After recovering 170 bbls. of load oil, fluid level dropped and gas decreased. Swabbed from 4200'. Recovered 1-1/2 bbls. per run, very little gas. Recovered a total of 186 bbls. of load oil, 339 bbls. load oil due. Alternately flowed, swabbed and shut well in for build up from 1-24-63 thru 1-30-63.

(Continued on next page)

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month, (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



Sec. 10

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office **Salt Lake**
Lease No. **USA SL 070052**
Unit **Big Indian**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Big Indian Unit **January 25, 1963**, 19__
Well No. **3** is located **2300** ft. from **N** line and **2300** ft. from **W** line of sec. **10**
NE SW Sec. 10 **37S** **25E** **Salt Lake**
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **San Juan** **Utah**
(Field) (County or Subdivision) (State or Territory)
ground

The elevation of the derrick floor above sea level is **6730** ft. **6741'**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **THE PURE OIL COMPANY**

Address **P. O. Box 1338**

Moab, Utah

253-3581

By **J. B. Strong**
Title **Senior District Clerk**

SUNDAY NOTICES AND REPORTS ON WELLS

Big Indian Unit No. 3
2300' FSL and 2300' FSL
Sec. 10, 30E., 25E.,
San Juan County, Utah

Salt Lake
USA SL 070052
Big Indian
Supplementary Well History

GR elevation: 6730'
KB elevation: 6741'

January 25, 1963

- 1-21-63 Rigged up H & R Well Service. Halliburton killed well with salt water. Pulled tubing and ran sand pump. Top of sand at 4590'.
- 1-22-63 Sand pumped sand out to 4620'. Sand came in and filled hole to 4600'. Cleaned out to 4636'. Hole stayed clean. McCullough perforated with 4 super casing jet shots per foot from 4232' to 4240'. Ran Baker retrievable bridge plug and set at 4277'. Pulled up and set bottom of retrieving head at 4223'. Nippled up tree and shut down for night.
- 1-23-63 Displaced salt water with crude oil. Spotted 500 gals. MCA 7-1/2% acid on formation. Broke formation at 4150#. Broke back to 2000#. Halliburton sand frac'd well with 6000# 20-40 sand and 2000# 10-20 sand. Flushed with 5750 gals. McCracken crude which equals total 40 bbls. overflush. Maximum treating pressure 3150, minimum treating pressure 2900, injection rate 19 bbls. per min. Instant shut-in 2200, 15 min. shut-in 1800, 1 hr. shut-in 1450.
- 1-24-63 Rigged up swab. Found fluid level at 200' from surface. Swabbed 120 bbls. of load oil into tank, then started getting some gas. Fluid level remained at 3000', swabbing from 4000'. After recovering 170 bbls. of load oil, fluid level dropped and gas decreased. Swabbed from 4200', recovered 1-1/2 bbls. per run, very little gas. Shut down at 6:00 P.M. for night. Fluid level 3300'. Recovered 186 bbls. of load oil, 339 bbls. load oil due. Opened well this morning and now flowing load oil and gas to tank with 125# flowing pressure.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved
Budget Bureau No. 62-2132A
Land Office Salt Lake City
Lease Number See Below
Unit Big Indian

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Big Indian

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1963

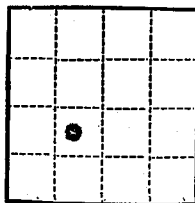
Agent's address P. O. Box 1338 Company THE PURE OIL COMPANY
Moab, Utah Signed [Signature]
Phone 253-3581 Agent's title District Office Manager

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Bbls. of Oil	Gravity	Cu. Ft. of Gas (In Thou.)	Gal. of Gasoline Recovered	Bbls. of Water (If none, state)	REMARKS (If drilling, depth; if shut down cause; date and result of test for gasoline content of gas)
LEASE NO. <u>067131-B</u>										
SE NE Sec. 33 Big Indian	29S	24E	1	-0-	-0-	-	-0-	-	None	Well shut in entire month.
LEASE NO. <u>USA SL 070052</u>										
NE SW Sec. 10 Big Indian	30S	25E	3	20	102 Est.		2,500 Est.	-	69 Est.	Swabbed well in with both sets of perforations below packer. Well flowed oil, gas and water and then died. Opened well and well began flowing oil and gas by heads. Released R & R Well Service at 9:30 a.m. 2-3-63, and shut well in. Alternately flowed and shut well in through 2-11-63. Well shut in 2-12-63 through 2-15-63 for pressure build up. Opened well 2-16-63 and tested on various sized chokes through 2-28-63. Testing incomplete.

Note—There were No runs or sales of oil; No M cu. ft. of gas sold;
No runs or sales of gasoline during the month. (Write "no" where applicable.)

Note—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy H. L. C.



Sec. 10

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake
Lease No. UWA SL 070052
Unit Big Indian

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 18, 1963

Big Indian Unit

Well No. 3 is located 2300 ft. from S line and 2300 ft. from W line of sec. 10

NE SW Sec. 10
(1/4 Sec. and Sec. No.)

308
(Twp.)

25E
(Range)

Salt Lake
(Meridian)

Big Indian (Wildcat)
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 6730 ft. KB 6741'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE SUPPLEMENTAL SHEET ATTACHED

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE PURE OIL COMPANY

Address P. O. Box 1338

Noah, Utah

253-3981

By

J. B. Strong
J. B. Strong

Title

Senior District Clerk

DWE

SUNDRY NOTICES AND REPORTS ON WELLS

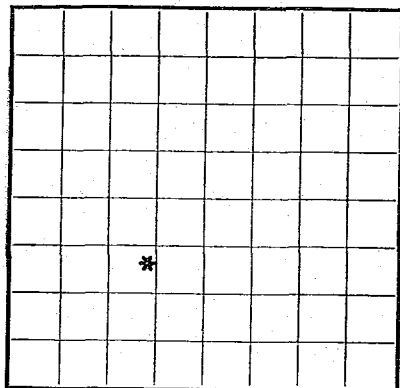
Big Indian Unit No. 3
2300' FSL and 2300' FWL
Sec. 10, 30S, 25E
San Juan County, Utah

Salt Lake
USA SL 070052
Big Indian
Supplementary Well History

GR elevation: 6730'
KB elevation: 6741'

March 18, 1963

- 1-25-63: Well died at 8:45 a.m. 1-25-63. Flowed 21 bbls. of load oil in 1-1/2 hours. Swabbed fluid from 2500' to 3800' and shut in overnight.
- 1-26-63: Tubing pressure 310# after being shut in overnight. Opened well and bled to zero then started flowing. Flowed 30 minutes and produced 5.4 bbls. of load oil. Ran swab. Fluid level at 2800'. Have recovered a total of 315 bbls. of load oil, 210 bbls. load oil due.
- 1-27-63: Well shut in for build up.
- 1-28 thru
1-30-63: Swabbed 123 bbls. of load oil.
- 1-31-63: Circulated an estimated 25 bbls. of load oil out of hole with salt water, also washed 28' of sand off of top of bridge plug. Removed bridge plug and ran tubing and packer. Set packer at 4188', with both sets of perforations below packer.
- 2- 1-63: Swabbed well in. Tubing pressure gradually decreased until well died and shut it in. Alternately shut well in and flowed well thru 2-11-63 when well was shut in thru 2-15-63 for pressure build up. Shut in pressure 1190#. Opened well on a 20/64" choke. Tested well on various sized chokes thru 3-11-63.
- 3-12-63: I.P. for record: Flowed 2 1/4 hours on a 20/64" choke. Tubing pressure 40#. Produced 8.12 bbls. of oil, no water. Gas metered at 103,808 cubic feet per day, GOR 12,784 to 1. FINAL

U. S. LAND OFFICE **Salt Lake**
SERIAL NUMBER **USA (SL-070052)**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P. O. Box 1338 - Moab, Utah
 Lessor or Tract U. S. Government Field Big Indian State Utah
 Well No. #3 Sec. 10 T. 30S R. 25E Meridian Salt Lake County San Juan
 Location 2300 ft. N. of S. Line and 2300 ft. E. of W. Line of NW SW Elevation Gr-6730
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]
 Title District Office Manager

Date March 22, 1963

The summary on this page is for the condition of the well at above date.

Commenced drilling October 22, 19 62 Finished drilling December 8, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4232 to 4618 No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	40.5	8-R	SS	500'	float				Surface Production
5 1/2"	15.5	8-R	SS	4746'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	500'	175 sax	Halliburton		
5 1/2"	4746'	325 sax	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	500'	175 sax	Halliburton		
5 1/2"	435'	325 sax	Halliburton		
	4746'				

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from -0- feet to 5395' feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 1963 Put to producing _____ March 12, 1963The production for the first 24 hours was 8.12 barrels of fluid of which 100% was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 46If gas well, cu. ft. per 24 hours 113 MCF Gallons gasoline per 1,000 cu. ft. of gas -0-

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>478</u>	<u>478</u>	Sand
<u>478</u>	<u>1993</u>	<u>1515</u>	Sand & Shale
<u>1993</u>	<u>2806</u>	<u>813</u>	Sand & Lime
<u>2806</u>	<u>3809</u>	<u>1003</u>	Sand & Shale
<u>3809</u>	<u>4795</u>	<u>986</u>	Sand, Shale & Lime
<u>4795</u>	<u>4870</u>	<u>75</u>	Lime
<u>4870</u>	<u>5082</u>	<u>212</u>	Lime & Shale
<u>5082</u>	<u>5177</u>	<u>95</u>	Lime, Sand, Shale & Chert
<u>5177</u>	<u>5459</u>	<u>282</u>	Lime & Shale
<u>5459</u>	<u>5601</u>	<u>142</u>	Lime, Shale & Anhydrite
<u>5601</u>	<u>5811</u>	<u>210</u>	Lime & Shale
<u>5811</u>	<u>5895</u>	<u>84</u>	Lime, Shale & Salt

FORMATION RECORD—Continued JUN 24 1963

FROM—	TO—	TOTAL FEET	FORMATION
perated: 12-13-62 by Schlumberger with 4 shots per ft, 2 crack jet & 2 reg. jets, fr -4618', and on 1-22-63 McCullough perforated with 4 super casing jet shots per ft. 1 -4240'.			
Job #1--12-13-62 Halliburton spotted MCA 7½% on perfs 4606-4618'. Formation broke #. Pumped 300 gals. in formation @ 5 bbls. per min. @ 2000#. Halliburton sand frac casing with 28,000# 20-40 sand, 2000# 10-20 sand & 50,000 gals. of fresh water cut brine water. Flushed with 145 bbls. fresh water, 30 bbls. overflush. Injection rat 4 bbls. per min. Max. treating press. 2600#, minimum 2400#, max. flush press. 2750# Job #2--1-22-63 Spotted 500 gals. MCA 7½% acid on perfs 4232-4240'. Broke formatio 150#, broke to 2000#. Halliburton sand frac'd well with 6000# 20-40 sand and 2000# sand. Flushed well with 5750 gals. McCracken crude oil which equals total 40 bbls flush. Max. treating press. 3150#, minimum 2900#. Injection rate 19 bbls. per min. ant shut in 2200#.			
TOPS:			
ca--Spud		Moenkopi--2305'-(+4437)	
lson--765'-(+5977)		Cutler--2755-(+3987)	
erville --1010'-(+5732)		Hermosa--3280'(+3462)	
ada--1055'-(+5687)		Paradox A--5490'(+1252)	
o--1200'-(+5542)		Paradox B--5763'(+979)	
nta--1310'-(+5432)		*Salt Top--5880'(+862)	
te--1530'-(+5212)		Total Depth--5895'(+847)	
e--1745'-(+4997)		*Sample Top	
rump--2170'-(+4572)		Bottom of hole 383.83' Sluth, 36.3 deg. West	
NO. 1--1803'-1836', Tool open 1 hr. Opened with very slight blow for 4 min. and die vered 3 gallons of drilling mud. Pressures: IH & FH 842#, 45 min. ICI 415, IF & FF n. FCI 230#, bottom hole temp. 72 deg.			
NO. 2--3214'-3239', Tool open 52 min. Tool opened with good strong blow in 5 gal. b water. Remained steady throughout test. Recovered 90' of drilling mud and 1024 of s . Pressures: IH & FH 1565#, 30 min. ICI 920, IF 440, 30 min. FCI 830.			
NO. 3--3291'-3319', Hermosa, Tool open 45 min. Tool opened with a good blow. Incre strong blow in five gal. bucket of water in 10 min, then started to decrease slowly. urface in 25 min. Gas flow very small flame the size of blow torch. Well dead in 3 Recovered 300' of drilling fluid Pressures: IH & FH 1605#, 30 min. ICI 872, IF , 30 min FCI 800. Bottom hole temp. 80 deg.			
NO. 4--3817'-3860'-Hermosa. Tool open 30 min. Had a few bubbles in 5 gal. bucket o al opening, then died. No flow shile tool was open. Recovered 90' of drilling mud ures: IH & FH 1887#, 30 min. ICI 1070, IF 28, FF 41, 30 min. FCI 225, Bottom hole 98 deg.			
NO. 5--4222-4283', Hermosa, Tool open 1 hr. Tool opened with very weak blow, increa od strong blow in 5 min. Gas to surface in 8 min. Seven lbs. press. on 1/2" surfa -increased to 30 lbs. in 20 min. Remained steady the remained of test. Gas flow e between 5 & 10 MCF/day max. Recovered 545' of gas & oil cut drilling mud, estimat dark green oil. Pressures: IH & FH 2140, 30 min. ICI 1240, IF 55, FF 182, 30 min. bottom hole temp. 106 deg.			
NO. 6--4559'-4617'-Hermosa. Tool open 1 1/2 hrs. Opened with fair blow, increased blow. Gas to surface in 15 min. estimated at 266,000 cubic feet/day. Recieved 160 ing fluid. Pressures: IH & FH 2282, 30 min. ICI 1195, IF 56, FF 70, 30 min FCI 87 m hole temp. 103 deg.			
NO. 7--4809'-4870'-Hermosa. Tool open 1 hr. Opened with a weak blow, dead in 50 mi vered 100' of drilling mud. Pressures: IH & FH 2395, 30 min ICI & FCI 85, IF & FF m hole temp. 109 deg.			
NO. 8--5050'-5082'-Tool open 2 hrs. Opened with good blow. Gas to surface in 20 mi flow estimated at 250,000 cubic feet/day. Recovered 100' of drilling fluid. Pressu 82, 30 min. ICI 2085, IF & FF 42, 30 min. FCI 1070, FH 2455, Bottom hole temp. 106			
NO. 9--5594'-5660'-Paradox. Tool open 1 hr. Opened with good blow, gas to surface n. Gas estimated at 10,000 cubic feet/day. Recovered 150' drilling mud; slightly Pressures: IH & FH 2783, 30 min. ICI 590, IF & FF 55, 30 min. FCI 915. Bottom h 114 deg.			

drilling fluid. Pressures: IH & FH 2282, 30 min. ICI 1195, IF 56, FF 70, 30 min FCI 872, bottom hole temp. 103 deg.
DST NO. 7--4809'-4870'-Hermosa. Tool open 1 hr. Opened with a weak blow, dead in 50 min. Recovered 100' of drilling mud. Pressures: IH & FH 2395, 30 min ICI & FCI 85, IF & FF 70, bottom hole temp. 109 deg.
DST NO. 8--5050'-5082'-Tool open 2 hrs. Opened with good blow. Gas to surface in 20 min. Gas flow estimated at 250,000 cubic feet/day. Recovered 100' of drilling fluid. Pressures: IH 2482, 30 min. ICI 2085, IF & FF 42, 30 min. FCI 1070, FH 2455, Bottom hole temp. 106 deg.
DST NO. 9--5594'-5660'-Paradox. Tool open 1 hr. Opened with good blow, gas to surface in 35 min. Gas estimated at 10,000 cubic feet/day. Recovered 150' drilling mud; slightly gas cut. Pressures: IH & FH 2783, 30 min. ICI 590, IF & FF 55, 30 min. FCI 915. Bottom hole temp. 114 deg.

HISTORY OF OIL OR GAS WELL

16-43084-2

U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Core No. 1--4234-4283'-Cut & REC. 49'--'8, Sandstone fine, medium grained, fair porosity, dead show of oil, good odor. 6', Shale, gray, silty. 3', Sandstone same as above. 32', Shale, dark gray, silty.
Core No. 2--4567-4617'-Cut & Rec. 50'. 4', sh, dk, gy, blk, carbaonaceous, badly fractured. 3', Sh, dk, blk, micaceous. 27½', sh, dk, gy, blk, sandy. 15½', sh, gray, fine, medium grain-
ed, subangular, well sorted, arkosic, micaceous, with good gas odor, with saturated appear-
ance from 4601½ to 4604', 4604-4606', 4608-4615½'.
Core #3--4819-4870'-Cut & Rec. 51'. 37', Ls, gray-tan, fn xln, sucrosic, very oolitic, good odor and stain, little pin point porosity and small vugs with black residue. 3', Ls, drk tan, sublithographic, dense, tite. 11', Ls, gray-brn, sublithographic, siliceous and trace of dk braron micaceous shale.
Core #4--5632-5660'-Cut & Rec. 24', 24'-Blk shale, Carbaceous, ealcareous, fossiliferous.

June 20, 1963

Pure Oil Company
P. O. Box 1338
Moab, Utah

Attention: District Office Manager

Re: Well No. Big Indian Unit #3
Sec. 10, T. 30 S, R. 25 E.,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Encl. (Forms)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake USA SL 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10, T-30S, R-25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Union Oil Company of California	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2300' FSL and 2300' FWL (W. SW)	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6730'; KB 6741'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) To test well	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to test well to determine current flow rate of oil, water and gas.

Propose to perforate additional zones and test for production.

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Mansbridge

TITLE Dist. Drilling Supt.

DATE August 8, 1967

W. J. Mansbridge

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

100 100

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE MANNER
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA 3L 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10, T-30S, R-25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		8. FARM OR LEASE NAME	
Union Oil Company of California		Big Indian Unit	
3. ADDRESS OF OPERATOR		9. WELL NO.	
P. O. Box 1611 - Casper, Wyoming 82601		3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		10. FIELD AND POOL, OR WILDCAT	
2300' FSL and 2300' FWL (N ^W SW)		Big Indian - Hermosa	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.)	
		GL 6730'; KB 6741'	
		12. COUNTY OR PARISH	
		San Juan	
		13. STATE	
		Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF :

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐Temp. ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well temporarily abandoned 6-30-67 as follows:

Set Baker magnesium bridge plug at 4,045', with two sack cement on top; set McCullough aluminum bridge plug at 3,800', with two sack cement on top to 3,785'; set McCullough bridge plug at 3,450' with 2 sack cement on top to 3,435'; set Baker bridge plug at 3,250' with seven sack cement on top to 3,200'. Installed 10" Series 900 x 8-5/8" threaded flange, 8-5/8" x 4-1/2" swage, 4-1/2" collar, 4-1/2" x 2" swage, 2" WKM 2000 psi WOG valve, 2" x 1/2" swage and 1/2" needle valve.

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY

SIGNED W. J. Mansbridge

TITLE Dist. Drilling Supt.

DATE August 8, 1967

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Salt Lake USA BL 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Salt

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

11. SEC. T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10, T-30S, R-25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL ☐ GAS ☐
WELL WELL OTHER

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface **2300' FSL and 2300' FWL (NE SW)**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 6730'; KB 6741'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

To test well

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to test well to determine current flow rate of oil, water and gas.

Propose to perforate additional zones and test for production.

18. I hereby certify that the foregoing is true and correct

SIGNED **W. J. Mansbridge**

TITLE **Dist. Drilling Supt.**

DATE **August 8, 1967**

W. J. Mansbridge

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake USA SL 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Big Indian
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Big Indian Unit
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601		9. WELL NO. 3
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2300' FSL and 2300' FWL (NE SW)		10. FIELD AND POOL, OR WILDCAT Big Indian - Hermosa
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-30S, R-25E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6730'; KB 6741'		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	Testing well <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

18. I hereby certify that the foregoing is true and correct

ORIGINAL SIGNED BY **W. J. Mansbridge** TITLE **Dist. Drilling Supt.** DATE **August 8, 1967**

SIGNED **W. J. Mansbridge**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

USA SL 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Union Oil Company of California

3. ADDRESS OF OPERATOR

P. O. Box 1611 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

2300' FSL and 2300' FWL (NE SW)

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Big Indian - Hermosa

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 10, T-30S, R-25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 6730'; KB 6741'

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* Temp. ☒

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to temporarily abandon well, after extensive testing (See Subsequent Report of Testing Well dtd. 8-8-67), as follows:

Set Baker Magnesium bridge plug at 4,045' with two sack cement on top; set McCullough aluminum bridge plug at 3,800' with two sack cement on top; set bridge plug at 3,450' with two sack cement on top; set Baker bridge plug at 3,270' with seven sack cement on top. Will fill 5-1/2" casing with fresh water, install 10" Series 900 x 8-5/8" threaded flange, 8-5/8" x 4-1/2" swage, 4-1/2" collar, 4-1/2" x 2" swage, 2" WKM 2000 psi WOG valve, 2" x 1/2" swage and 1/2" needle valve.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. J. Mansbridge

TITLE

Dist. Drilling Supt.

DATE

August 8, 1967

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

BIG INDIAN UNIT #3

WORKOVER

- 6-15-67 8 hrs. Moved Barker Well Service Unit to location and rig up.
- 6-16-67 11 hrs. Bled csg. pressure to zero. SITP 1200 psig. Blew down tubing to pit, pressure decreased to 220 psig in 25 min. Unloaded some SW. Pumped 40 bbl. fresh water down tubing. Tubing on vac. Removed tree and installed BOP's. Started POH and well unloaded through tubing. Loaded hole w/fresh water. Finish POH w/2-7/8" OD tubing and Baker Model "R" packer. McCullough ran cement bond log. Fair to good bond to 4350'. Bonding fair to poor from 4350' to 3750'. 3750' to 3660' bonding is poor. No bonding above 3660'. Set Baker Mag. BP w/top at 4045'.
- 6-17-67 10 hrs. RU and RIH w/2-7/8" OD tubing and Baker Model "R" packer w/6' sub below packer. Bottom of tubing at 4022'. Swab would not go below 183'. Thin coat of hard paraffin in tubing. Hot oil unit not available in PM. Finished Xmas tree repairs.
- 6-18-67 10 hrs. Hay Hot Oil Service moved 47 bbls McCracken crude from Lisbon. Heated and pumped 33 BO down tubing at 225-250°F. Swabbed hole down. Laid down 16 jts 2-7/8" OD tubing. Removed BOP's. Set "R" packer w/top at 3747' KB and bottom of tubing at 3761'. Installed tree. "R" packer has a 2" mandrel. McCullough perforated through tubing w/1-11/16" OD Mac Jet from 3860-3878' w/4 hpf. Slight blow on tubing. That bled to zero immediately. 30" SITP 4 psi. 60" SITP 6 psi. Opened choke and pressure bled to zero immediately. No flammable gas.
- 6-19-67 11 hrs. 14-1/2 hr SITP 3 psi. Gas would burn. Found fluid level at 1200' KB. First pull of swab had approximately 1/8 bbl McCracken crude on top. Second swab pull was all SW. Removed tree. POH with tubing and packer. RIH w/Halliburton RTTS packer and 2-7/8" tubing. Set RTTS at 3789' and Halliburton squeezed perfs 3860-3878' using 75 sks 50-50 pozmix w/2% Bent. and 0.6# Halad 9. Final squeeze press. was 3800 psi. Approximately 60 sks cement in formation. WOC at 4 P.M. POH w/tubing and packer.
- 6-20-67 10 hrs. Picked up 6-3 1/2" DC's and 4-3/4" W7R bit. RIH and drilled firm cement from 3789' to 3909' (120') and 2' cement stringers.
- 6-21-67 10 hrs. 60 cement stringers to approximately 3950'. RIH to top of BP at 4050'. Circulate hole clean. POH w/tubing and laid down DC's. RIH w/1-6' sub, Baker "R" packer and 2-7/8" tubing. Set packer at 3804' and press up on tubing to 2100 psi. Squeeze job held. RIH w/tubing to 4022'. Swabbed hole to approximately 3850'.

- 6-22-67 12 hrs. No fluid entry overnight. Squeeze job OK. Swabbing from top of packer, finished swabbing hole down. Laid down 9 jts 2-7/8" OD tubing and set packer at 3747' and bottom of 6' sub at 3759'. Installed tree. McCullough perforated 3992-4000' w/4 hpf using 1-11/16" OD Mac Jets. Very small blow on tubing. In 2 hrs there was no show of gas or fluid entry - dry. McCullough perforated 3969-3976' w/4 hpf using 1-11/16" OD Mac Jets. Top 4' didn't fire. No blow on tubing. Perforated 3965' to 3969' w/4 hpf. No blow on tubing and no fluid entry after 1½ hr. Wait 2 hrs on more jet charges. No blow on tubing. McCullough perforated 3837' to 3854'. SD.
- 6-23-67 11 hrs. Small blow on tubing that bled to zero immediately. Found fluid in tubing. Ran swab to top of packer at 3747' and POH recovering 1370' SW. Fluid level was at 2380 KB. POH w/tubing and packer. McCullough dumped 2 sks cement on BP at 4045'. Fluid level at 3070' KB. Set McCullough Alum. BP at 3800' and dumped 2 sks cement on top of plug. PBTB - 3785'. McCullough perforated 3612'-3613' w/4 holes using bullet gun. Loaded hole w/water and installed tree. Using rig pump - started pumping down csg. Pressure rose to 800 psi and broke to 500 psi. Had blow on casing annulus. Pumped 120 BW at 2 - 3 BPM without est. circ.
- 6-24-67 10 hrs. Removed tree. RIH w/2-7/8" OD tubing and Halliburton "DM" tool. Hole not full. Set DM tool at 3545'. Loaded hole w/water. Halliburton injected 15 BW into perms 3612-13' at 1200 to 1300 psi and 6 BPM. Cemented using 300 sks 50-50 pozmix, 2% gel, 10% salt and 2% Cacl. Approximately 280 sks behind the pipe. WOC at 9:45 A.M. Established returns from 5½"-10-3/4" annulus and lost it after 75 sks cement were mixed. Pumped cement at 6 BPM and 800 to 1500 psi TP. Immediate SD TP was 300 psi. POH w/tubing. Picked up 4-3/4" W7R bit and 6-3½" OD DC's. RIH w/bit to 2100'.
- 6-26-67 10 hrs. Finished GIH w/4-3/4" bit. No cement on top of retainer. Hole full of water. Drilled DM retainer and bit dropped free to 3602'. Finished drilling DM retainer. Drilled cement to 3637'. RIH and tagged bottom. Press. up on csg. using rig pump to 1200 psi. Held OK. Removed drilling head and POH.
- 6-27-67 10 hrs. McCullough ran cement bond log. PBTB 3782'. 100% bond 3614-3586'. Near 100% bond 3354'-3330' and 8-90% bond 3295-3282'. Top of cement bonding at 2920'. RIH w/6' sub, Baker "R-2" packer and 2-7/8" OD tubing to 3780'. Swabbed hole to approximately 3700'. Laid down 19 jts 2-7/8" tubing. Set "R-2" packer at 3227' w/15,000# on packer. Bottom of tubing at 3239'. Installed tree. McCullough perforated 3625-3640' w/4 hpf using 1-11/16" OD Mac Jets. McCullough started POH w/heavy dragging. Stopped with odometer reading at 33,000#. Pulled a net 21,000#. No movement. Took strain on line and SD.
- 6-28-67 11 hrs. TP-O. During the night McCullough Wireline truck jumped chocks and skidded to rig. Dropped Western Oil tools. Kinley Wireline cutter cut wireline at packer without dropping "go-devil", left 75'-100' wireline, 1-11/16" OD collar locator and Kinley wireline cutter in hole. Removed tree. POH w/tubing and packer.

Didn't recover anything. No gas. No oil. McCullough ran Baker gage ring. Stopped at 3221'. No fluid about this point. Picked up bit, 1-3½" OD DC and RIH w/2-7/8" tubing. Took 10,000-20,000# on bit w/some spudding to push junk to bottom. Pull swab from 3750' and recovered 50' drilling mud and water, next hr recovered 100' muddy water, next hr recovered 75' of muddy water. No oil. No gas. Started POH.

- 6-29-67 10 hrs. No gas at 7 A.M. Finish POH w/tubing and bit. 5 jts tubing and DC had heavy mud on outside. McCullough set BP at 3450' and dumped 2 sks cement on top of BP. No fluid above 3450'. PBTD 3435'. Laid down excess tubing. RIH w/6' sub, Baker "R-2" packer, and 108 jts 2-7/8" tubing. Set "R" packer at 3194' and bottom of 6' sub at 3206'. Installed tree, McCullough perforated 3300-3324' in 2 runs w/1-11/16" OD Mac Jets. Small blow after 1st gun. Fired 1st gun at 12:23 P.M. and had 5 psi on tubing. 2nd gun fired at 12:55 P.M. and had 10 psi TP. Gas would burn at 1:25 P.M. TSTM. Left well open until 1 A.M. and CI for buildup. 4 P.M. - No fluid in hole.
- 6-30-67 11 hrs. 6 hr SITP = 5 psi. Wait on orders until 11 A.M. Well blew to zero psi immediately. Removed tree. POH and laid down tubing and packer. Removed tubing spool. Set Baker BP at 3250' and McCullough dumped 7 sks cement on top of plug. PBTD - 3200'. Finished at 5 P.M. 6-30-67. Rigged down and released Barker Well Service at 7 P.M. on 6-30-67.
- 7-1-67 Dumped 75 bbls fresh water in 5½" casing. Installed 10" Series 900 x 8-5/8" thread flange, 8-5/8" x 4½" swage, 4½" collar, 4½" x 2" swage, 2" WKM 2,000 psi WO6 valve, 2" x ½" swage and ½" needle valve. Cleaned location. Returned rental equipment and tools to Farmington.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake USA SL 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Big Indian	
2. NAME OF OPERATOR Union Oil Company of California		8. FARM OR LEASE NAME Big Indian Unit	
3. ADDRESS OF OPERATOR P. O. Box 1611 - Casper, Wyoming 82601		9. WELL NO. 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2300' FSL and 2300' FWL (NE SW)		10. FIELD AND POOL, OR WILDCAT Big Indian - Hermosa	
14. PERMIT NO.		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T-30S, R-25E	
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NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Testing well

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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SEE ATTACHMENT

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SIGNED

W. J. Mansbridge

TITLE

Dist. Drilling Supt.

DATE

August 8, 1967**W. J. Mansbridge**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BIG INDIAN UNIT #3

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- 6-16-67 11 hrs. Bled csg. pressure to zero. SITP 1200 psig. Blew down tubing to pit, pressure decreased to 220 psig in 25 min. Unloaded some SW. Pumped 40 bbl. fresh water down tubing. Tubing on vac. Removed tree and installed BOP's. Started POH and well unloaded through tubing. Loaded hole w/fresh water. Finish POH w/2-7/8" OD tubing and Baker Model "R" packer. McCullough ran cement bond log. Fair to good bond to 4350'. Bonding fair to poor from 4350' to 3750'. 3750' to 3660' bonding is poor. No bonding above 3660'. Set Baker Mag. BP w/top at 4045'.
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6-29-67 10 hrs. No gas at 7 A.M. Finish POH w/tubing and bit. 5 jts tubing and DC had heavy mud on outside. McCullough set BP at 3450' and dumped 2 sks cement on top of BP. No fluid above 3450'. PBTD 3435'. Laid down excess tubing. RIH w/6' sub, Baker "R-2" packer, and 108 jts 2-7/8" tubing. Set "R" packer at 3194' and bottom of 6' sub at 3206'. Installed tree, McCullough perforated 3300-3324' in 2 runs w/1-11/16" OD Mac Jets. Small blow after 1st gun. Fired 1st gun at 12:23 P.M. and had 5 psi on tubing. 2nd gun fired at 12:55 P.M. and had 10 psi TP. Gas would burn at 1:25 P.M. TSTM. Left well open until 1 A.M. and CI for buildup. 4 P.M. - No fluid in hole.

6-30-67 11 hrs. 6 hr SITP = 5 psi. Wait on orders until 11 A.M. Well blew to zero psi immediately. Removed tree. POH and laid down tubing and packer. Removed tubing spool. Set Baker BP at 3250' and McCullough dumped 7 sks cement on top of plug. PBTD - 3200'. Finished at 5 P.M. 6-30-67. Rigged down and released Barker Well Service at 7 P.M. on 6-30-67.

7-1-67 Dumped 75 bbls fresh water in 5½" casing. Installed 10" Series 900 x 8-5/8" thread flange, 8-5/8" x 4½" swage, 4½" collar, 4½" x 2" swage, 2" WKM 2,000 psi W06 valve, 2" x ½" swage and ½" needle valve. Cleaned location. Returned rental equipment and tools to Farmington.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN _____
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Salt Lake USA SL 070052
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ WELL GAS ☐ WELL OTHER Noncommercial Gas Well

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2300' FSL & 2300 FWL (NE SW)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6730' G.L.; 6741' K.B.

7. UNIT AGREEMENT NAME

Big Indian

8. FARM OR LEASE NAME

Big Indian Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Big Indian Hermosa

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 10, T.30S., R.25E.

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to load 5-1/2" casing with mud, then cut 5-1/2" casing at approximately 2500'. Pull and salvage casing. Spot plugs in 8-3/4" hole as follows:

100' cement plug across 5-1/2" cut-off.
100' cement plug in top of Chinle (1850-1950')
100' cement plug in top of Navajo (1000'-1100')
100' cement plug across bottom of 10-3/4" surface casing (450-550')

W/15 sacks cement plug at surface with marker.

out of Potash Designated Area

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 2-15-74

BY C.B. Hughes

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Ladd, Jr.
R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

2-8-74

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Salt Lake USA SL 070052

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Noncommercial Gas Well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Union Oil Company of California		Big Indian	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, Wyoming 82601		8. FARM OR LEASE NAME Big Indian Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2300' FSL & 2300' FWL (NE SW)		9. WELL NO. 3	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6730' G.L.; 6741' K.B.	
		10. FIELD AND POOL, OR WILDCAT Big Indian Hermosa	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.30S., R.25E.	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ran free point tool and found 5-1/2" casing 70% free at 719'. Cut casing at 719', pulled 5000# wt. above wt. of casing and P.O.O.H. with 5-1/2" casing. Ran tubing to 2000', circulated hole with mud and spotted cemented plugs as follows:

Plug #1: 70 sx cement - 669-769'
Plug #2: 65 sx cement - 450-550'
Plug #3: 5 sx cement - 25' - Surface

Welded plate on 10-3/4" casing and installed dry hole marker. Well plugged and abandoned 2-17-74.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. G. Ladd, Jr.

TITLE

District Drilling Supt.

DATE

2-18-74

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side